



WUORIKAUTISET 1/2024  
ISW HELSINKI

# CONTENTS

- 3 Editorial
- 4 Introduction of the Board
- 8 Chair's thoughts
- 10 Fellow travellers
- 11 Important numbers
- 12 Travel schedule
- 16 Introductions of companies
- 18 Finnish dictionary
- 20 Finnish delicacies and drinks
- 22 Miniature songbook
- 24 Activity corner
- 26 Horoscope
- 28 Bingo

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# Editorial

Hey everyone! My name is Janina and I am glad that you are now reading the year's first issue of Wuorikautiset, the guild's own magazine, and the very first issue I have been editing as a chief editor! I hope you will enjoy <3

This issue will focus on ISW Helsinki 2024, our destinations, little bit of our (brilliant) traveling companions and it contains also some activities to enjoy when all others around have fallen asleep and your own eyes just wont shut.

Some previous magazines had tips and tricks for upcoming ordeal, but unfortunately I don't have any. This is my first time on ISW and I am waiting for it with both fear and excitement.

But now let's have a wonderful ISW and enjoy the trip!

Yours unfaithfully,  
Janina Mellanen

Chief Editor of 2024



# BOARD OF 2024

Here I have pleasure to present to you the Vuorimieskilta's board of 2024! If any of these faces piqued your interest to get to know them better, it's your lucky day! They are all the with us on ISW Helsinki so this is your opportunity!

I made them (and myself) to answer these random questions to get to know them better. Alright let's see then...

## **Chair of the Board Mariel Mylly**

The chair of this circus, look at the page 8 for more.



## **You must play one song through whole ISW, what is it?**

Dupidupidu (that chipi chipi chapa chapa song)

## **What is your favorite noodle flavor?**

Chicken!

## **If you would do videos on YouTube, what would they be?**

I could collect my favourite TikToks to some daily dose of internet -type of videos :D

## **What was (or still is) your favorite kid's show?**

The Moomins, the old ones

## **Cats or dogs?**

Both, but I would adopt a cat.

## **What color of crayon you would be?**

Baby blue

## **What would you sing in karaoke?**

Hopefully nothing :D But if so, it would be some Finnish hit, can't pick just one.

**Secretary, Mimi Tran**

Hi! My name is Mimi and currently The Secretary of the sitting board '24. I'm a 4th year student in Aalto University. I major in Fiber and Polymer Engineering, in other words I study woods and plastics. You must be wondering how did I ended up being with the mining engineers? Well, it's just hella fun with these folks!



**You must play one song through whole ISW, what is it?**

I don't have anything specific in mind.

**What is your favorite noodle flavor?**

Mama Shrimp Flavour!!!  
You will see me eating that during ISW Helsinki for sure.

**If you would do videos on YouTube, what would they be?**

Lifestyle/Makeup  
Reviews/Mukbangs/Funny cat videos

**What was (or still is) your favorite kid's show?**

Dragon Ball Z

**Cats or dogs?**

The only right answer: CATS. Period.

**What color of crayon you would be?**

Blue

**What would you sing in karaoke?**

PapiPike - AITO G

**You must play one song through whole ISW, what is it?**

Lil Kleine, Ronnie Flex - Drank & Drugs

**What is your favorite noodle flavor?**

Spicy chicken.

**If you would do videos on YouTube, what would they be?**

Absolutely vlogs!

**What was (or still is) your favorite kid's show?**

The Busy World of Richard Scarry or The Adventures of Blinky Bill

**Cats or dogs?**

DOGS

**What color of crayon you would be?**

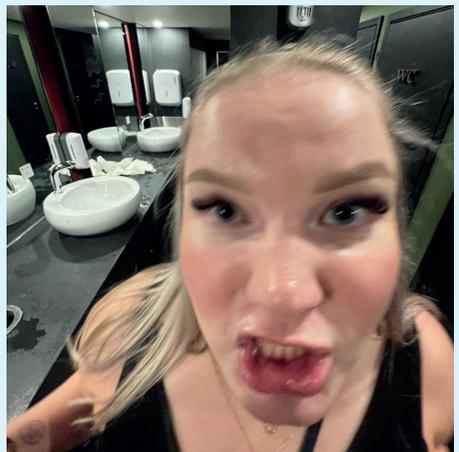
Purple

**What would you sing in karaoke?**

Cheek - Kuka muu muka

**Treasurer, Saara Ollila**

I'm Saara, treasurer of the guild. I'm studying chemical engineering for the third year. I like chips.



**Host, Otso Kivivuori**

Hiya! I'm the host of the guild for the year 2024. During the ISW you can usually find me handing out drinks or cooking for our international guests. Why I've ended up here, given that I study biomaterials, I'm not sure but I know I'm going to have a great time regardless.



**You must play one song through whole ISW, what is it?**

Sea Shanty 2

**What is your favorite noodle flavor?**

Chicken

**If you would do videos on YouTube, what would they be?**

Project/build videos

**What was (or still is) your favorite kid's show?**

Avatar: The Last

Airbender

**Cats or dogs?**

I reject the premise of this question (Bees!)

**What color of crayon you would be?**

Deep purple

**What would you sing in karaoke?**

Any Queen song that is thrown my way

**You must play one song through whole ISW, what is it?**

Sea Shanty 2

**What is your favorite noodle flavor?**

Chicken

**If you would do videos on YouTube, what would they be?**

Videos of me drawing

**What was (or still is) your favorite kid's show?**

The Moomins

**Cats or dogs?**

Cats

**What color of crayon you would be?**

Red

**What would you sing in karaoke?**

Wappubiisi

**Hostess, Ossi Ruokokoski**

Hello, I am Ossi. I'm the hostess of the guild this year. I'm currently studying my second year in Aalto, majoring material science and chemistry. Looking forward to this eventful week :D



## Head of International and Masters' Affairs, Suvi Impola

Hello! My name is Suvi and I'm the head of international and masters affairs (international officer in short). I'm 3 year bachelor student in the chemistry and material science major but hopefully finishing it this spring.

**You must play one song through whole ISW, what is it?**

Ihana aamu

**What is your favorite noodle flavor?**

Spicy

**If you would do videos on YouTube, what would they be?**

Cook with Suvi

**What was (or still is) your favorite kid's show?**

Moomins!!

**Cats or dogs?**

Bunny

**What color of crayon you would be?**

Light green

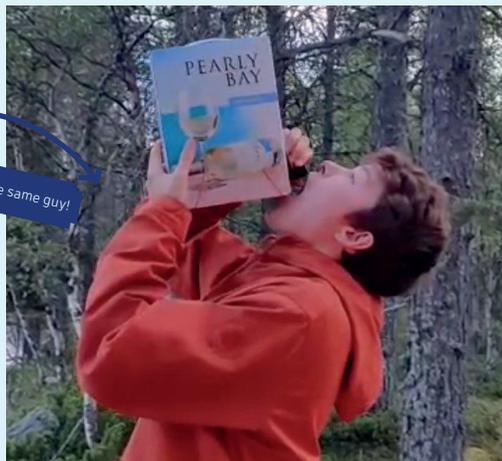
**What would you sing in karaoke?**

Tinakenkättyttö



## Head of Study Affairs, Valtteri Vaarno

Hello, I'm Valtteri, the head of study affairs. I started my studies a while ago and ended up this year in SMP. I enjoy cooking, singing, long walks in the park, and occasional sophisticated sipping of white wine in the woods.



**You must play one song through whole ISW, what is it?**

Heilutaan

**What is your favorite noodle flavor?**

Pork

**If you would do videos on YouTube, what would they be?**

Funny animal video compilations

**What was (or still is) your favorite kid's show?**

Biker Mice from Mars

**Cats or dogs?**

Cats AND dogs

**What color of crayon you would be?**

Beer

**What would you sing in karaoke?**

Country roads

**You must play one song through whole ISW, what is it?**

Santana, Chad Kroeger  
- Into The Night

**What is your favorite noodle flavor?**

Shrimp

**If you would do videos on YouTube, what would they be?**

Most likely travel or photography

**What was (or still is) your favorite kid's show?**

Biker Mice from Mars

**Cats or dogs?**

Dogs

**What color of crayon you would be?**

Blue

**What would you sing in karaoke?**

Country roads

**Head of Excursions, Claus Enckell**

I am the Head of Excursions and I am a third year Bachelor's student majoring in chemistry and materials science. I like to try out and experience new things, so if you have a recommendation, I'm happy to hear!



**Editor's addition:**  
Duet with Valtteri when??

**Chief Editor,  
Janina Mellanen**

Hey there! I'm Janina, fourth year chemical engineering student and I am majoring in biotechnology (I don't quite know what I'm doing here). I am this year's Chief Editor and excited to see what we manage to get done with the board! And excited about ISW Helsinki also!



**Head of Corporate Relations, Leo Müller**

Hi I'm Leo and I'm the head of corporate relations. I'm currently in my first year of masters studies in Advanced Energy Solutions.

**You must play one song through whole ISW, what is it?**

Friesenjung - Ski Aggu

**What is your favorite noodle flavor?**

Chicken

**If you would do videos on YouTube, what would they be?**

Cooking videos

**What was (or still is) your favorite kid's show?**

SpongeBob SquarePants

**Cats or dogs?**

Cats

**What color of crayon you would be?**

Blue

**What would you sing in karaoke?**

Ivalo - Otos



**You must play one song through whole ISW, what is it?**

Marilii - Nautin elämästä

**What is your favorite noodle flavor?**

Creamy Tom Yum

**If you would do videos on YouTube, what would they be?**

ASMR Mukbangs

**What was (or still is) your favorite kid's show?**

Winx Club

**Cats or dogs?**

Cats!

**What color of crayon you would be?**

I took a test and it said that I am Robinson's egg blue

**What would you sing in karaoke?**

Frederik - Volga



Sähkö-  
pöytäkirja

2023

## Hello everyone and welcome to ISW Helsinki 2024!

It is amazing to start this trip again with all the new friends! My name is Mariel Mylly and I'm the chair of the board for this year. I am a fourth year student, majoring in Biosystems and Biomaterials engineering. This is my second ISW Helsinki and I'm really excited to do it all again!

From my previous ISW experience, I could give you a few tips and tricks:

1. Sleep whenever you can. However, preferably not during the company presentation (kalvosulkeiset in Finnish).
2. If you want to make sure you will get enough Jallu, sit right behind the board in the bus. However, if you want to make it more fun with gambling, sit in the back.
3. Do not drink from the wrong bottle before going inside the gates of the visiting company. Unless you want to leave outside waiting in the cold.

And last but not least:

4. Enjoy!

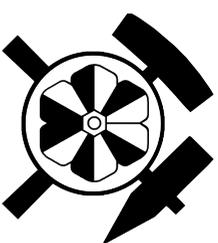
We will have a reeeeeally long week to get to know each others and enjoy this trip. I hope this will give you all some good memories, interesting experiences and stories to tell at home. I want to thank all the companies, Metso, Kokkola Industrial Park, Boliden, Forcit and Sandvik for letting us visit and to make this week possible.

If you have any questions or worries, don't hesitate to ask the board for advice.

Cheers! Kippis!  
Mariel Mylly  
Chair of the Board

# Fellow Travellers on

# ISW Helsinki 2024



## THE BOARD

Marjel Mytly, Chair of the Board  
Mimi Tran, Secretary  
Saara Ollila, Treasurer  
Otso Kivivuori, Host  
Ossi Ruokokoski, Hostess  
Valteri Vaarno, Head of Study Affairs  
Suyi Impola, Head of International and Masters' Affairs  
Janna Mellanen, Chief Editor  
Claus Erckell, Head of Excursions  
Leo Müller, Head of Corporate Relations

## GERMANY

Andre Averdung  
Arne Bock

## GREAT BRITAIN

Harry Breckon  
Oli Waters

## FINLAND

Erikka Koskenniemi  
Joonna Lakkala  
Erica Irmiler  
Alexander Lindholm  
Lassi Luojus  
Prithish Kumar Saha  
Aapo Sevón  
Martti Taipainen  
Efta Yawson  
Fabiola Lasar  
Lassi Pekkanen  
Aaro Lampinen  
Teemu Vuorela

## NETHERLANDS

Kasper Kappe

## BELGIUM

Remi Mahieux  
Loïc Orms

## NORWAY

Susanne Moseid Bryhni  
Jørgen Natvig Lovseth

## USEFUL PHONE NUMBERS



### IN CASE OF A **SMALL** EMERGENCY

Claus Enckell: +358 40 080 4439

Mariel Mylly: +358 50 077 0792

### IN CASE OF AN **ACTUAL** EMERGENCY

General emergency number: 112  
(hopefully we don't need to go there)

# SCHEDULE

11.2. Toga Party  
at Otakaari 20

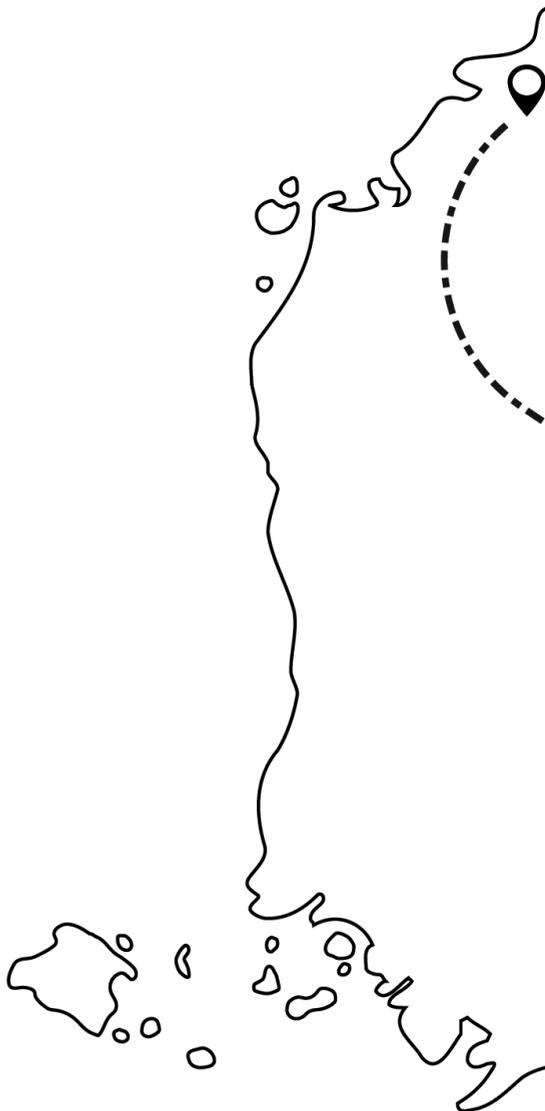
12.2. Tampere  
- Metso  
- Evening  
entertainment

13.2. Kokkola  
- KIP  
- Boliden  
- Evening  
entertainment

14.2. Jyväskylä  
- Forcit  
- Evening  
entertainment

15.2. Tampere  
- Sandvik  
Espoo  
- Evening  
entertainment

16.2. Great Miners Ball  
at Otarannan  
kerhotila





KOKKOLA

JYVÄSKYLÄ

TAMPERE

ESPOO

# ISW HELSINKI 2024



# COMPANIES

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we will visit

## Metso

Metso is a frontrunner in sustainable technologies, end-to-end solutions and services for the aggregates, minerals processing and metals refining industries globally. We improve our customers' energy and water efficiency, increase their productivity, and reduce environmental risks with our product and process expertise.

## **KOKKOLA** **INDUSTRIAL PARK**

Kokkola Industrial Park (KIP) is Northern Europe's largest ecosystem of inorganic chemical industry, where several companies leading in the chemical and metal processing industries operate. In the Park, there are 16 industrial or manufacturing companies and over 60 service companies, which support the core functions of industrial companies.

# **N W** **BOLIDEN**

Boliden is a high-tech metal company with its own mines and smelters that work over the long term to guarantee society's supply of base metals and precious metals.

Boliden Kokkola is a world-class zinc plant producing high-quality zinc products to meet the needs of renewable energy production, green transition and modern society.



FORCIT consists of three business areas: FORCIT Explosives – the leading partner for civil explosives and related services. FORCIT Consulting – the consulting services partner offering a wide range of expertise, services and training for construction and excavation. FORCIT Defence – a trusted partner for high class insensitive minitions-based defence systems for global markets.

We co-operate closely with the mining industry and companies in the excavation and construction sectors. FORCIT Defence co-operates with defence forces and the defence industry.



Sandvik is a global, high-tech engineering group providing solutions that enhance productivity, profitability and sustainability for the manufacturing, mining and infrastructure industries.

# ENGLISH-FINNISH-NONSENSE -dictionary

Hello, hi	Moi, Morjens, Hei, Terve, Moro
Bye	Moimoi, Moikka, Moro
Good morning	(Hyvää) Huomenta, Moro
Good evening	(Hyvää) Iltaa, Moro
Good night	Hyvää yötä, Öitä, Moro
How are you?	Mitä kuuluu?, Miten menee?
Thanks	Kiitos, Kiitti
Thanks a lot	Kiitti vitust
I'm sorry	Anteeksi, Sori
I'm terribly sorry	Oho, Hups
Please	Jooko
Look!	Kato!, Kattokaa!, Nääksä?!, Mikä toi on?!
I don't understand	Täh?
I appreciate your opinion	Haista home senkin mulkku
I'm tired	Heittäkää mut avantoon
I think I'm gonna throw up	Tuokaa ämpäri!
It's too hot in here	Lisää lölyä!
It's awfully growded in here	Vittuun siitä tönimästä
Great party!	Hyvä meininki!
Cheers	Kippis, Skål
Excuse me, can I get ... :	Anna ... , Heitä ... , Pistä ... :
- a beer	- kalja, olut, bisse
- a cider	- siideri, sidukka
- a long drink	- lonkero, lonkku
- some booze	- viinaa

## CHEAT SHEET

Practically, only word you really need is: Noniin.

no = well

niin = yeah

noniin (noniin) = well, yeah

noniin (No. Niin.) = That's what I've been saying.

noniin (Noonni..) = What have you done...

noniin (NONii!) = Well done!

noniin (noNIIN!) = Let's do it!

noniin (no, niin) = You're right.

noniin (no nii-i!) = I know right?!

noniin (no nii..) = That's too bad.

noniin (noniin,) = As I was saying,

noniin (nonii!) = Stop it!

noniin (noni!) = I did it!

noniin (noNNI..) = Finally...

NONIIN!! = Let's drink!!

## Useful (or something like that) Finnish sayings:

Kalsarikännit

= Underwear drunkenness (self-explanatory)

Pilkunnussija

= Comma fucker (a wise-ass)

Aivopieru

= Brain fart (can occur for example during a hangover)

Kaikki muumit ei ole laaksossa

= All the moomins are not in the valley (stupid)

Kyykkyviini

= Squat wine (cheap wine for which you have to squat to reach in the liquor store)

Sisu

= has no translation, you either have or you don't

Matti kukkarossa/Persaukinen

= Matti in the wallet/Ass open (most students)

Kuin perseeseen ammuttu karhu

= Like a bear shot in the ass (angry as fuck)

Kissanristiäiset

= A cat's christening (a party for nothing)

Pikkulauantai

= Little Saturday (Wednesday)

Itkupotkuraivari

= Crying-kicking-rage (self-explanatory)

Helppo nakki

= An easy wiener

Paskanmarjat!

= Shit's berries!

Tulta munille

= Fire on the eggs

Perse edellä puuhun

= Ass front up to a tree (doing things without thinking)

Kauas on pitkä matka

= It's a long way to go far

Juosten kustu

= Peed while running (also doing things without thinking)

# Finnish delicacies

Finland is full of delicacies such as mustamakkara, tasty cocktails and other things you must try when visiting. Here I have gathered few best ones. I chose some traditional foods of cities we are going to visit so there may be chance to get to them.

## Mustamakkara

(lit. 'black sausage') is a type of Finnish blood sausage traditionally eaten with lingonberry jam. It is available in many stores across Finland, but is considered a specialty of Tampere, Pirkanmaa. Also known as food looking like shit.



## Mämmi

is a traditional Finnish dessert, eaten around Easter. Mämmi is traditionally made of water, rye flour, ground malted rye, salt, and dried, ground Seville orange zest. In Finland often eaten with heavy cream. Also known as food looking like shit.



## Kievarin kuupano

(lit. 'inn's moon fuck') doesn't for a change look like shit but has a wonderful name. It is combination of potato mash, peas, and sautéed onion and meat (pork and beef). Apparently traditional food of Kokkola. Never heard of it before writing this article, but always learn something new!

## Maksalaatikko

(lit. 'liver casserole') is a Finnish food that is made of rice, ground liver, butter, syrup, egg, onion, and raisin. (I personally hate raisins in my maksalaatikko.) It is traditionally served with lingonberry jam. If you watch too long, it will also look like shit.

So in conclusion, Finnish people eat a lot of food looking like shit. But at least usually they don't taste like it!

All food texts were shamelessly copy-pasted from Wikipedia or somewhere else (maybe little edited)

# *and drinks*

Feel free to have a taste!

## **KAHVIPLÖRÖ**

6 cl Coffee (hot or cold)  
2 cl Koskenkorva vodka

Mix Koskenkorva gently into coffee without spilling. Taste. If it tastes horrible, put some more Koskenkorva into it. You might have to do this more than once. Enjoy. At its best after waking up in horrible hangover (don't drink before driving to work).

## **BERRY PUNCH**

3 bottles of vodka  
1 berry (whatever is your favorite)

Pour the vodka into a bowl. Add the berry. If the punch tastes too sweet or is too rich in berries, take the berry out.

## **TERVAHAUTA**

2 cl Whiskey  
2 cl Jaloviina  
4 cl Tar liqueur

Mix whiskey and jaloviina. Pour the tar liqueur gently on top of the mix.

## **NUCLEAR FALLOUT**

4 cl Jaloviina  
4 cl Tequila  
4 cl Sour milk

Mix everything up and think "what the hell am I doing?"

## **NISKALAUKAUS**

2 cl Absinthe  
2 cl Jägermeister

Mix, drink and try not to die.



# Miniature Songbook

## 1. JUHLAT, JUBILEUM

Hyvät ystävät, juhla voi alkaa,  
Kasperille me nostamme jalkaa.  
∴ Tääl' ei juodakaan kolmosen kaljaa,  
täällä viihdyn suo shampanja vaan. ∴

## 2. BUSSIKUSKI

On meillä hauska setä nyt bussikuskina.  
Kun setä ajaa bussia on näky komia.  
∴ Kas näin heiluu bussi ja bussi heiluu  
näin. ∴

Kas näin kaatuu tolppa ...  
Kas näin lentää mummo ...  
Kas näin kuolee kissa ...  
Kas näin kaatuu bussi ...  
Kas näin särkyy bussi ...  
Kas tuolla näkyy tutka ...  
Kas näin vilkkuu valo ...  
Kas näin ulvoo pilli ...  
Kas näin vietiin kuski ...

## 3. NIIN MINÄ NEITONEN

∴ Niin minä, neitonen, sinulle laulan  
kuin omalle kullalleni. ∴

∴ Jos olis valta niin kuin on mieli,  
niin ottaisin omakseni. ∴

∴ Kullalleni minä laulelen  
ja kellekkäs minä muille. ∴

∴ En minä laula kallioille,  
enkä metsän puille. ∴

## 4. VETOPASUUNA

Mä nuoren miehen ujoimman  
näin pöydässä pienen ruokalan,  
ja syystä, jota tiedä en,  
sain hältä vetopasuunan.

Torvi, torvi tinakylki  
aina soittaa juhliissa.  
Torvea soittaa mies tuo nuori,  
nuotteja vain tunne ei.

Bumtsi-bum, bumtsi-bum-bum ...

Hän ulkona mua kuljettaa  
ja ottaa kiinni mistä saa,  
mut pohjimmiltaan kukaties,  
on hänkin kelpo VUORIMIES!

Torvi, torvi tinakylki  
aina soittaa jurrissa.  
Torvea soittaa mies tuo nuori,  
nuotteja vain tunne ei.

Bumtsi-bum ...

## 5. KATSELIN, KATSELIN

Katselin, katselin kaunistamiehestä,  
kaunistamiehestä, tuulantei.  
Kostuivat, kostuivat kämmenet hiestä,  
kämmenet hiestä, tuulantei.

Otan sen, otan sen,  
ennemmin kuin koskiksen,  
sillä kaunis mies on silmänruokaa,  
silmänruokaa tuulantei.



## 8. JOS AVECIS KIELTÄÄ SUA JUOMASTA

Jos avecis kieltää sua juomasta,  
niin juo, niin juo!  
Jos kieltää sua viinoja tuomasta,  
niin tuo, niin tuo!

Vaan juomasta älä sinä milloinkaan lakkaa,  
vaan hanki sinä itselles' parempi paikka  
ja juo ja laula ja juo ja laula,  
ja juo ja laula ja juo ja laula ...

Trink, trink, Brüderlein trink,  
lass doch die Sorgen zu Haus!  
Trink, trink, Brüderlein trink,  
leere dein Glas mit mir aus.  
Meide den Kummer und meide den Schmerz,  
dann ist das Leben ein Schertz!  
- Zu lieber Augustin  
Kauf dir ein Auto und fahr gegen Baum,  
dann ist das Leben ein Traum!

Ja upseerit sotia taistelee  
ja juo, ja juo.  
Ja teltassa viinoja maistelee,  
ja juo, ja juo.  
Kun taistelun melskeessä pyssyt ne paukkaa,  
niin upseerit välillä pullosta naukkaa  
ja juo ja laulaa ...

Maisterit koulussa opettaa  
ja juo, ja juo.  
Ja illalla tuntinsa lopettaa,  
he juo, ja juo.  
Kun päivällä saksaa ja matikkaa jauhaa,  
niin illalla raitilla RÄYHÄÄ JA PAUHAA  
ja juo ja laulaa ...

## 6. WE ARE ENGINEERS

We are, we are, we are,  
we are the engineers.  
We can, we can, we can  
demolish forty beers.  
The medical men of R.S.M.  
they cannot drink with us,  
'cause we don't give a fuck  
for anyone else who don't  
give a fuck for us. Oi!

Sir Francis Drake and all his crew  
set sail for Galway Bay.  
To meet the Spanish Rumfleet,  
that was heading by the way.  
The engineers they cut them short  
by a night and half a day.  
Although they're drunk like  
hooligans, you still can hear them  
say:

We are, we are, we are, we are the  
engineers ...

## 7. TEEKKARIHYMNI

Yö kuin sielu teekkarin on pimiä.  
Takajoukko nukkuu vain, nukkuu  
vain. Tarhapöllön ääni kimiä  
kuuluu pappilasta päin, kuuluu  
päin.

Ja taas, ja siis, ja yks, kaks, kolme,  
neljä, viis.

# ACTIVITY

●○○○

		2	8	5			9	
9				6		1		5
	5	6					3	8
2	6				8	3		9
		3	6			2	5	
		9		3	5			1
5	3			8				
6	2	1	5		3			7
		8	1			5		

●●○○

	2		9			6	8	
9		8			6	7		2
3					7		1	5
	7	2			4			1
	8		2		5	4		
		7				2		
2			7	6	3	5		
8			5		2	1		

●●●○

	7		6					
5		2			7			4
6								
				9		4		
	8					9	6	2
	2	9						
8	6			2			3	
2								6

●●●●

6		8	5				7	1
4	3				6	2		9
	1							
	6	9			4			
1							9	
						7	3	
		6			5		2	
		1	2		9	5	8	
	5	2		7				6

# CORNER

D G T O O L S T F R K L Y K S V Y J S E T I P  
D E P G F X R U B E M C S Y R T W Y D X N U R  
A Y C M D Y Y Q S K I I R A D R I L L C O B O  
Y G E A E H X I R T O N N U F Z N R B A I R D  
R O E X R F K N N I A S D E S E A A E V T E U  
R L T S P B F O F N P I K U R H T E E A A V C  
E O A M A L O I K W O R N E S G I Y R T Z O T  
E N G E W H O N C K B V O A N T J N V I I G I  
N H E L G T Q S I I O L A C B K R Y G O N N O  
I C R T C N I Z I Z E L M T E I O I K N R U N  
G E G E U Z F J A V A N A I I S L R A O E H E  
N T G R S N M F N R E T C N N O S I V L D W G  
E E A T A M P E R E C S I Y B I N E T A O S S  
R E S T X M I S S I O N X O Z O N S S Y M I W  
O L Y T N E M N O R I V N E N B U G G S U B G  
K M E T A L S G I M E I N A T O S C I D R O N

ISW  
mining  
smelter  
kokkola  
tampere  
jyväskylä  
otaniemi  
explosives  
metals

environment  
industrial  
excavation  
efficiency  
tools  
innovations  
mission  
hangover  
beer

zinc  
processes  
bus  
koskenkorva  
safety  
production  
modernization  
nordics  
crushing

sustainability  
drill  
ore  
miner  
decarbonization  
technology  
engineer  
aggregate



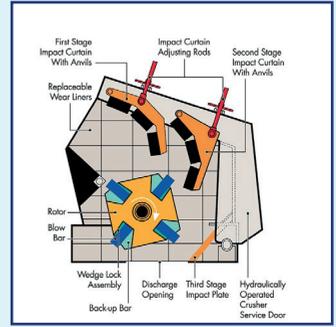
**Pisces 20.2.-20.3.**  
**Wheel loader**

You're always moving around, be it with places, people or life plans. Maybe you should try staying still for a while and really get to know the people around you. ISW is the perfect place to start.



**Aries 21.3.-20.4.**  
**Grader**

You are a very helpful person, making the path for others as smooth as possible. You lay the groundwork in group projects and have probably read the company introductions before site visits. Try to remain a good person, even though ISW is testing you!



**Taurus 21.4.-20.5.**  
**Impact crusher**

You have a quick temper and great comebacks in arguments. You know what you want and will do anything to get it. Try to chill a bit during ISW, you (and others around you) deserve a break.



**Virgo 23.8.-22.9.**  
**Power shovel**

Digging for juicy rumours is your specialty. However, sometimes people don't appreciate you telling their secrets onwards. Maybe next time you see someone being a joker during ISW you can keep it to yourself.



**Libra 23.9.-23.10.**  
**Personnel vehicle**

You are kind of a people pleaser and always avoiding conflict. Sometimes it's a good thing, but you should try to form your own opinions as well. Try making a decision which is better: apple juice or beer?



**Scorpio 24.10.-22.11.**  
**Haul truck**

You carry a massive amount of shit on your shoulders. Try to talk about your problems to someone, maybe the person next to you. Offer them a beer and they'll be happy to listen.



**Gemini 21.5.-21.6.**  
**Simulation computer**

You love learning new things but feel like you're not ready for the real work life. Don't worry, everyone is a beginner in the beginning. Take advices, ask questions and remember to train (your liver during this ISW).



**Cancer 22.6.-22.7.**  
**Refuge chamber**

You are a safe person to be around with, and people often come to you with their issues. Because you are well-equipped, people might ask you for many things during ISW too. Remember your own needs and hold on to those beers.



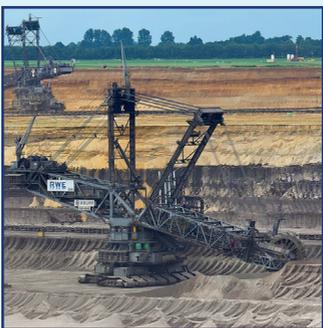
**Leo 23.7.-22.8.**  
**Shuttle car**

Travelling to far away places is your dream, which is probably the reason you are participating in this lovely trip. Try not to get too adventurous, we would like to get you back home in one piece.



**Sagittarius 23.11.-22.12.**  
**Shotcrete machine**

You are often concerned about other people's safety and trying to stabilize heated arguments. Reinforcing good behaviors is your strength. You could be a great manager, maybe you'll find a job during the week?



**Capricorn 23.12.-21.1.**  
**Bucket-wheel excavator**

You are hugely productive and have done a ton of work to get where you are. People are often amazed by you. Be proud of yourself! Now kick back and relax, you've earned it.



**Aquarius 22.1.-19.2.**  
**Drill rig**

You are a powerful person who has an ability to do long work or study hours. You probably also go to the gym. Remember to sleep sometimes! The ISW bus is a great place to practice.

# ISW BINGO

THANK THE BUS DRIVER	GO TO SAUNA	COMPLIMENT SOMEONE	TELL A JOKE	FLASH TO SOMEONE (HARDCORE)
HAVE A SPEECH ON THE BUS MICROPHONE	DANCE ON THE TABLE	EAT MUSTA-MAKKARA	SPOT A REINDEER (OR SIMILAR, WHATEVER)	TAKE A SELFIE WITH A STRANGER
SPOT SOMEONE ASLEEP AT EXCURSION DESTINATION	PLAY A DRINKING GAME		DO A SNOW ANGEL	GET A NEW FRIEND
ASK A STRANGER THAT WHERE IS NEAREST ALKO	SING KARAOKE	ASK A QUESTION FROM AN EXCURSION HOST	FALL ASLEEP IN A BUS	DRINK A BEER
TRY KOSKENKORVA (FINNISH TRAVELLERS MUST HAVE FORGOTTEN WHAT IT TASTES LIKE SO THEY MUST TRY TOO)	LOSE SOMETHING	HAVE A HORRIBLE HANGOVER	EAT MÄMMI	TAKE A PICTURE OF A SLEEPING BOARD MEMBER (AND SEND IT TO CHIEF EDITOR)